

Synthesis and composition of complexes of transitive metals with some α -carbonyl-containing arylhydrazones

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Abstract

We have isolated in crystalline state and studied with a set of spectral methods of investigation 8 complexes of manganese(II), nickel(II), copper(II) and cadmium(II) with some α -carbonyl-containing arylhydrazones. On the basis of spectral characteristics (IR, electron spectroscopy) we defined the character of coordination and suggested the schemes of composition of coordination compounds.